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In re application	n of:		Vr	19 6		
Mark Gray)	rmation No.: 5	951		
Serial No.: 09/8	335,059)	iner: NYA	2152		
Filed on: April	13, 2001) Group	Art Unit No.:	2134		
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Commissioner f Washington, D.		;;	REC	EIVED 1 0 2002 Center 2100		
	INFORMATION DISCLOS	URE STATEMENT	Technology	Center 2100		
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Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is						
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an admission that the information cited in this statement is material to patentability.						
Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted						
under one of the	e following (as indicated by an "X" to	the left of the approp	riate paragraph):		
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	A statement pursuant to	37 C.F.R. §1.97(e)				
	1.97(e)(1) The un	dersigned hereby state	es that each item	n of		

information contained in this information disclosure statement was first cited in communication from a foreign patent office in a counterpart

	foreign application not more than three months prior to the filing of this information disclosure statement.
	1.97(e)(2) The undersigned hereby states that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement.
	A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).
37 C.F.F the follo	R. §1.97(d). If so, then this Information Disclosure Statement includes wing:
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	A check for \$180.00 for the fee under 37 C.F.R. \$1.17(i) for submission of the Information Disclosure Statement.
	R. §1.97(i). Wherein applicants are submitting references before the a patent to be placed in the file but not considered by the Patent office.
144	cordingly, copies of the references as listed on the attached Form PTO 9 are submitted herewith for placement in the file. No certification or are deemed necessary.

Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,

Dated: December <u>4</u>, 2002

HICKMAN PALERMO TRUONG & BECKER LLP

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San Jose, California 95125-5106

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

ATTY. DOCKET NO. 55218-0507 09/835,059

APPLICANT: Mark Gray

FILING DATE: April 13, 2001 **GROUP:** 2152

Exam.	Cite	U.S. Patent Document	S. PATENT DOCUMENTS	Description of	I D Column
Initial*	No.1	Number Kind Code ² (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		4,591,967	Mattes et al.	05-27-1986	
		5,163,130	Hullot	11-10-1992	
		5,504,670	Barth et al.	04-02-1996	<u> </u>
r		5,574,914	Hancock et al.	11-12-1996	
		5,590,284	Crosetto	12-31-1996	C ()
•		5,659,786	George et al.	08-19-1997	- m
		5,951,683	Yuuki et al.	09-14-1999	§ ~ <
		6,446,141	Nolan et al.	09-03-2002	2
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Exam. Cite		Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Pages,	T ⁶
Initial*	No. ¹	Office ³	Number ⁴	Kind Code ⁵ (If known)	of Cited Document	of Cited Document MM-DD-YYYY	Colum ns, Lines, Where Releva nt Passag es or Releva nt Figures Appear	
		EP	0 750 250	6 A2	Data General Corporation	12-27-1996	, appear	
		EP	0 262 750	0 A2	Thinking Machines Corporation	04-06-1988		
		EP	0 905 62	1 A1	Lucent Technologies Inc.	03-31-1999		

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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Substitute for Form 1490APTO (Modified) Solidary States as necessary) Solidary							
First Named Inventor: Mark Gray Filing Date: April 13, 2001 OTHER ART – NO PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the time (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published Radek Vingralek, et al., "Snowball: Scalable Storage on Networks of Workstations with Balanced Load," pp. 117-156, Distributed and Parallel Databases, Vol. 6, no. 2, April 1998, XP-002162201. Armando Fox, et al., "Cluster-Based Scalable Network Services," pp. 78-91, Operating Systems Review (SIGOPS), US, ACM Headquarter, New York, Vol. 31, No. 5, December 1, 1997, XP-000771023.					Application Number:		
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Workstations with Balanced Load," pp. 117-156, Distributed and Parallel Databases, Vol. 6, no. 2, April 1998, XP-002162201. Armando Fox, et al., "Cluster-Based Scalable Network Services," pp. 78-91, Operating Systems Review (SIGOPS), US, ACM Headquarter, New York, Vol. 31, No. 5, December 1, 1997, XP-000771023.		}					
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Armando Fox, et al., "Cluster-Based Scalable Network Services," pp. 78-91, Operating Systems Review (SIGOPS), US, ACM Headquarter, New York, Vol. 31, No. 5, December 1, 1997, XP-000771023.					arallel		
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